

| | | |
|--|--|-----------------------------|
| Information Disclosure Statement List By Applicant Under 37 CFR Section 1.98(a) (1) Use several sheets if necessary | Attorney Docket Number KCX-371-DIV | Serial Number 10/617,649 |
| | Applicants LEE KIRBY JAMESON BERNARD COHEN LAMAR HEATH GIPSON | |
| | Filing Date: 07/11/2003 Confirmation No.: 4156 | Group 3752 |

NOTE: If no indication is made in the column marked "COPY NOTE," the required legible copy of the corresponding item is submitted herewith; otherwise, a copy is not required and/or not submitted, for the following reason(s) [corresponding reason number is listed in "COPY NOTE" column]

- (1) This item is cumulative, per Rule 98(c)
- (2) A copy of this item was previously cited by or submitted to the U.S. Patent and Trademark Office in: USSN _____, filed _____, or USSN _____, filed _____; Relied on under 35 U.S.C. Section 120, per Rule 98(d)
- (3) Both reasons (1) and (2) apply
- (4) No legible complete copy is possessed, in custody of controlled, or readily available
- (5) Per the U.S. Patent and Trademark Office's waiver of Rule 98(a)(2)(i), the item is a U.S. patent or patent application publication, and the present application was filed after June 30, 2003.

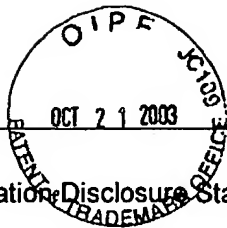
| U.S. PATENT DOCUMENTS | | | | |
|---|-----------------|---------------------------------|------------|-----------|
| EXAMINER INITIALS | PATENTEE NAME | PATENT NUMBER | ISSUE DATE | COPY NOTE |
| <i>[initials]</i> | Calhoun | 2,484,012 | 10/1949 | |
| <i>[initials]</i> | Peterson, etal. | 2,484,014 | 10/1949 | |
| <i>[initials]</i> | Deboutteville | 2,745,136 | 05/1956 | |
| <i>[initials]</i> | Perry, RW Jr. | 3,016,599 | 01/1962 | |
| <i>[initials]</i> | Coggeshall | 3,042,481 | 07/1962 | |
| <i>[initials]</i> | Lerch | 3,071,809 | 01/1963 | |
| <i>[initials]</i> | Jones, etal. | 3,194,855 | 07/1965 | |
| <i>[initials]</i> | Jones | 3,203,215 | 08/1965 | |
| <i>[initials]</i> | Bodine, AG, Jr. | 3,233,012 | 02/1966 | |
| <i>[initials]</i> | Tigner | 3,285,442 | 11/1966 | |
| <i>[initials]</i> | Kinney | 3,341,394 | 09/1967 | |
| <i>[initials]</i> | Van Ingen | 3,463,321 | 08/1969 | |
| <i>[initials]</i> | Funabashi-shi | 3,619,429 | 11/1971 | |
| EXAMINER <i>[signature]</i> | | DATE CONSIDERED <i>10/21/04</i> | | |
| Examiner: initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant. | | | | |

Oct 21 2003


JOINT OFFICE

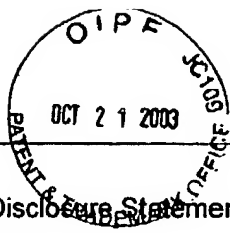
| | | |
|--|--|-----------------------------|
| Information Disclosure Statement List By Applicant Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary) | Attorney Docket Number KCX-371-DIV | Serial Number 10/617,649 |
| | Applicants LEE KIRBY JAMESON BERNARD COHEN LAMAR HEATH GIPSON | |
| | Filing Date: 07/11/2003 Confirmation No.: 4156 | Group 3752 |

| U.S. PATENT DOCUMENTS | | | | |
|---|-------------------|--------------------------|------------|-----------|
| EXAMINER INITIALS | PATENTEE NAME | PATENT NUMBER | ISSUE DATE | COPY NOTE |
| ly | Dorschner, etal. | 3,655,862 | 04/1972 | |
| | Boutsicaris | 3,668,185 | 06/1972 | |
| | Vehe, etal. | 3,679,132 | 07/1972 | |
| | Dorschner, etal. | 3,692,618 | 09/1972 | |
| | Prentice | 3,704,198 | 11/1972 | |
| | Dobo, etal. | 3,705,068 | 12/1972 | |
| | Cottell | 3,715,104 | 02/1973 | |
| | Tysk | 3,729,138 | 04/1973 | |
| | Cottell | 3,749,318 | 07/1973 | |
| | Keller, et al. | 3,755,527 | 08/1973 | |
| | Matsuki, etal. | 3,802,817 | 04/1974 | |
| | Goodinge, etal. | 3,819,116 | 06/1974 | |
| | Butin, etal. | 3,849,241 | 11/1974 | |
| | Porte | 3,853,651 | 12/1974 | |
| | Sata | 3,860,173 | 01/1975 | |
| | Sheffield, etal. | 3,884,417 | 05/1975 | |
| | Ostermeier, etal. | 3,949,127 | 04/1976 | |
| | Goodinge | 3,949,938 | 04/1976 | |
| | Yokoyama, etal. | 3,977,604 | 08/1976 | |
| | Buntin, etal. | 3,978,185 | 08/1976 | |
| | Martin | 4,013,223 | 03/1977 | |
| ly | Kompanek | 4,038,348 | 07/1977 | |
| EXAMINER  | | DATE CONSIDERED 10/21/04 | | |
| Examiner: initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant. | | | | |



| | | |
|---|--|-----------------------------|
| Information Disclosure Statement List. By Applicant Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary) | Attorney Docket Number KCX-371-DIV | Serial Number 10/617,649 |
| | Applicants LEE KIRBY JAMESON BERNARD COHEN LAMAR HEATH GIPSON | |
| | Filing Date: 07/11/2003 Confirmation No.: 4156 | Group 3752 |

| U.S. PATENT DOCUMENTS | | | | |
|---|-------------------|--------------------------|---------------|--------------|
| EXAMINER INITIALS | PATENTEE NAME | PATENT NUMBER | ISSUE DATE | COPY NOTE |
| 12 | Cottell | 4,048,963 | 09/1977 | |
| | Akiyama, etal. | 4,064,605 | 12/1977 | |
| | Martin | 4,067,496 | 01/1978 | |
| | Harmon | 4,091,140 | 05/1978 | |
| | Schwartz | 4,100,319 | 07/1978 | |
| | Anderson, etal. | 4,100,324 | 07/1978 | |
| | Nilsson, etal. | 4,100,798 | 07/1978 | |
| | Asai, etal. | 4,105,004 | 08/1978 | |
| | Hauser | 4,118,531 | 10/1978 | |
| | Martin, etal. | 4,121,549 | 10/1978 | |
| | Caves | 4,127,087 | 11/1978 | |
| | Keller, etal. | 4,127,624 | 11/1978 | |
| | Hayes, Jr., etal. | 4,134,931 | 01/1979 | |
| | Mayer | 4,159,703 | 07/1979 | |
| | Keller, etal. | 4,198,461 | 04/1980 | |
| | Cottell | 4,218,221 | 08/1980 | |
| | Gerlach, etal. | 4,239,720 | 12/1980 | |
| | Lemelson | 4,288,398 | 09/1981 | |
| | Appel, etal. | 4,340,563 | 07/1982 | |
| | y | Fishgal | 4,372,491 | 02/1983 |
| Jaqua | | 4,389,999 | 06/1983 | |
| Appel, etal. | | 4,405,297 | 09/1983 | |
| EXAMINER  | | DATE CONSIDERED 10/21/04 | | |
| Examiner: initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant. | | | | |



| | | |
|--|--|-----------------------------|
| Information Disclosure Statement List By Applicant Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary) | Attorney Docket Number KCX-371-DIV | Serial Number 10/617,649 |
| | Applicants LEE KIRBY JAMESON BERNARD COHEN LAMAR HEATH GIPSON | |
| | Filing Date: 07/11/2003 Confirmation No.: 4156 | Group 3752 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIALS | PATENTEE NAME | PATENT NUMBER | ISSUE DATE | COPY NOTE |
|----------------------|-----------------|---------------|---------------|--------------|
| ✓ | Müller, etal. | 4,418,672 | 12/1983 | |
| | Hartman, etal. | 4,434,204 | 02/1984 | |
| | Mühlbauer | 4,466,571 | 08/1984 | |
| | Northman | 4,496,101 | 01/1985 | |
| | Astier, etal. | 4,500,280 | 02/1985 | |
| | Norota, etal. | 4,521,364 | 06/1985 | |
| | Lau | 4,526,733 | 07/1985 | |
| | Barrows | 4,529,792 | 07/1985 | |
| | Yamauchi, etal. | 4,563,993 | 01/1986 | |
| | Yamauchi, etal. | 4,576,136 | 03/1986 | |
| | Yamauchi, etal. | 4,590,915 | 05/1986 | |
| | Greiser, etal. | 4,627,811 | 12/1986 | |
| | Fowells | 4,644,045 | 02/1987 | |
| | Wisneski, etal. | 4,663,220 | 05/1987 | |
| | Manaka, etal. | 4,665,877 | 05/1987 | |
| | Koike, etal. | 4,715,353 | 12/1987 | |
| | Takayama, etal. | 4,716,879 | 01/1988 | |
| | Kokubo, etal. | 4,726,522 | 02/1988 | |
| | Kokubo, etal. | 4,726,523 | 02/1988 | |
| | Ishikawa, etal. | 4,726,524 | 02/1988 | |
| ✓ | Yonekawa, etal. | 4,726,525 | 02/1988 | |

EXAMINER


DATE CONSIDERED

10/21/04

Examiner: initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.


OCT 21 2003

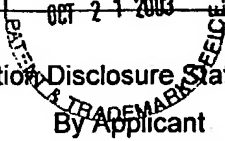
| | | |
|---|--|-----------------------------|
| Information Disclosure Statement List* By Applicant Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary) | Attorney Docket Number KCX-371-DIV | Serial Number 10/617,649 |
| | Applicants LEE KIRBY JAMESON BERNARD COHEN LAMAR HEATH GIPSON | |
| | Filing Date: 07/11/2003 Confirmation No.: 4156 | Group 3752 |

| U.S. PATENT DOCUMENTS | | | | |
|---|------------------------|--------------------------|------------|-----------|
| EXAMINER INITIALS | PATENTEE NAME | PATENT NUMBER | ISSUE DATE | COPY NOTE |
| ✓ | Anders, etal. | 4,742,810 | 05/1988 | |
| | Endo, etal. | 4,756,478 | 07/1988 | |
| | Lee, etal. | 4,793,954 | 12/1988 | |
| | Usui, etal. | 4,815,192 | 03/1989 | |
| | Dickinson, III., etal. | 4,852,668 | 08/1989 | |
| | Nakamura, etal. | 4,974,780 | 12/1990 | |
| | Kobayashi, etal. | 4,986,248 | 01/1991 | |
| | Yamauchi, etal. | 4,995,367 | 02/1991 | |
| | Furusawa, etal. | 5,017,311 | 05/1991 | |
| | Berliner, III | 5,032,027 | 07/1991 | |
| | Furusawa, etal. | 5,068,068 | 11/1991 | |
| | Gayser, etal. | 5,110,286 | 05/1992 | |
| | Stewart | 5,112,206 | 05/1992 | |
| | Stewart | 5,114,633 | 05/1992 | |
| | Vijay | 5,154,347 | 10/1992 | |
| | Dodge, II, etal. | 5,160,746 | 11/1992 | |
| | Matsusaka, etal. | 5,169,067 | 12/1992 | |
| | Tsurutani, etal. | 5,179,923 | 01/1993 | |
| | Fadner | 5,226,364 | 07/1993 | |
| | Jameson, etal. | 5,269,981 | 12/1993 | |
| | Malinowski | 5,330,100 | 07/1994 | |
| ✓ | Pike, etal. | 5,382,400 | 01/1995 | |
| EXAMINER  | | DATE CONSIDERED 10/21/04 | | |
| Examiner: initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant. | | | | |

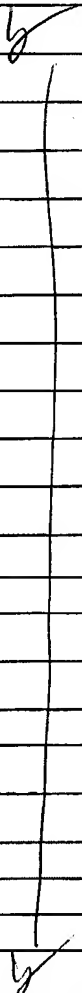
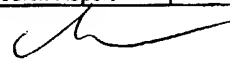
| | | |
|---|--|-----------------------------|
| Information Disclosure Statement List- By Applicant Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary) | Attorney Docket Number KCX-371-DIV | Serial Number 10/617,649 |
| | Applicants LEE KIRBY JAMESON BERNARD COHEN LAMAR HEATH GIPSON | |
| | Filing Date: 07/11/2003 Confirmation No.: 4156 | Group 3752 |

| U.S. PATENT DOCUMENTS | | | | |
|-----------------------|----------------|---------------|------------|-----------|
| EXAMINER INITIALS | PATENTEE NAME | PATENT NUMBER | ISSUE DATE | COPY NOTE |
| h | Probst | 5,531,157 | 07/1996 | |
| | Poschl | 5,564,402 | 10/1996 | |
| | Jameson | 5,801,106 | 09/1998 | |
| | Cohen et al. | 5,803,106 | 09/1998 | |
| | Cohen et al. | 5,868,153 | 02/1999 | |
| | Gipson et al. | 5,892,315 | 04/1999 | |
| | Gipson et al. | 5,900,690 | 05/1999 | |
| | Jameson et al. | 6,010,592 | 01/2000 | |
| | Gipson et al. | 6,053,424 | 04/2000 | |
| | Jameson | 6,030,467 | 04/2000 | |
| | Jameson | 6,020,277 | 02/2000 | |
| | Gipson | 6,315,215 | 11/2001 | |
| | Jameson et al. | 6,380,264 | 04/2002 | |
| | Jameson | 6,395,216 | 05/2002 | |
| | Gipson et al. | 6,450,417 | 09/2002 | |
| W | Jameson et al. | 6,543,700 | 04/2003 | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|---|--|---------------|-----------------|--------------------------|-------------|----|-----|-----------|
| EXAMINER INITIALS | | COUNTRY | DOCUMENT NUMBER | PUBLICATION DATE | TRANSLATION | | | COPY NOTE |
| | | | | | YES | NO | N/A | |
| h | | Denmark | 865,707 | 04/19/1961 | x | | | |
| | | Great Britain | 1263159 | 02/09/1972 | | | X | |
| | | Japan | 49(1974)-133613 | 12/23/1974 | x | | | |
| | | Great Britain | 1382828 | 02/05/1975 | | | X | |
| | | USSR | 468948 | 07/22/1975 | x | | | |
| | | USSR | 449504 | 10/11/1975 | x | | | |
| h | | Great Britain | 1415539 | 11/26/1975 | | | X | |
| EXAMINER  | | | | DATE CONSIDERED 10/21/04 | | | | |
| Examiner: initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant. | | | | | | | | |

| | | |
|--|--|-----------------------------|
|  <p>Information Disclosure Statement List By Applicant</p> <p>Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)</p> | Attorney Docket Number KCX-371-DIV | Serial Number 10/617,649 |
| | Applicants LEE KIRBY JAMESON BERNARD COHEN LAMAR HEATH GIPSON | |
| | Filing Date: 07/11/2003 Confirmation No.: 4156 | Group 3752 |



FOREIGN PATENT DOCUMENTS

| EXAMINER INITIALS | COUNTRY | DOCUMENT NUMBER | PUBLICATION DATE | TRANSLATION | | | COPY NOTE |
|--|------------------------------------|--------------------|--------------------------|-------------|----|-----|--------------|
| | | | | YES | NO | N/A | |
|  | Great Britain | 1432760 | 4/22/1976 | | | X | |
| | Germany | 2,734,818 | 02/09/1978 | x | | | |
| | Great Britain | 1555766 | 11/14/1979 | | | X | |
| | Great Britain | GB 2077351 A | 12/16/1981 | | | X | |
| | Great Britain | GB 2082251 A | 03/03/1982 | | | X | |
| | Europe | 0165407 A2 | 12/27/1985 | x | | | |
| | Europe | 0202100 A1 | 11/20/1986 | x | | | |
| | Europe | 0202381 A1 | 11/26/1986 | x | | | |
| | Europe | 0202844 B1 | 11/26/1986 | x | | | |
| | Europe | 0235603 A2 | 09/09/1987 | x | | | |
| | Europe | 0251524 B1 | 01/07/1988 | x | | | |
| | Germany | DE 3912524 A | 02/11/1989 | x | | | |
| | Europe | 0303998 A1 | 02/22/1989 | x | | | |
| | USSR | SU 1812332 A1 | 04/23/1990 | x | | | |
| | Europe | 0465660 A1 | 01/15/1992 | x | | | |
| | World | 93/01404 | 01/21/1993 | x | | | |
| | Great Britain | GB 2274877 A | 08/10/1994 | | | X | |
| | Europe | EP0644280 B1 | 03/22/1995 | x | | | |
| | World | 96/00318 | 01/04/1996 | x | | | |
| | World | WO 97/23280 | 03/07/1997 | X | | | |
| | World | WO 97/23726 | 03/07/1997 | X | | | |
| | PCT International Search Report | PCT/US01/50275 | 07/11/2002 | | | X | |
| EXAMINER  | | | DATE CONSIDERED 10/21/04 | | | | |

Examiner: initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

**"NO" means that no copy of an English language translation is within the possession, custody, or control of, or is readily available to any individual designated in Rule 56(c).

| | | |
|--|---|------------------------------------|
| Information Disclosure Statement List* By Applicant Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary) | Attorney Docket Number KCX-371-DIV | Serial Number 10/617,649 |
| | Applicants LEE KIRBY JAMESON BERNARD COHEN LAMAR HEATH GIPSON | |
| | Filing Date: 07/11/2003 Confirmation No.: 4156 | Group 3752 |

| EXAMINER INITIALS | OTHER DOCUMENTS Specify author (if any), Title, Pertinent Pages, Date & Place of Publication | COPY NOTE |
|---|---|--------------|
|  | "Superfine Thermoplastic Fibers" by Van A. Wentz, <u>Industrial and Engineering Chemistry</u> , Vol. 48, No. 8, Aug. 1956, p. 1342-1346. | |
| | "Manufacture of Superfine Organic Fibers" by V.A. Wentz et al., <u>NRL Report</u> 4364, 5/25/1954, p. ii and pp. 1 through 15. | |
| | "Degassing of Liquids", by O.A. Kapustina, <u>Physical Principles of Ultrasonic Technology</u> , Vol. 1, Plenum Press, 1973, Table of Contents and pp. 376-509. | |
| | <u>Fundamental Principles of Polymerization</u> , by F.F. D'Alelio, John Wiley & Sons Inc., December 1952, pp. 100-101. | |
| | "Melt Blowing - A One-Step Web Process for New Nonwoven Products" by Robert R. Buntin, et al., <u>Tappi</u> , Vol. 56, No. 4, April 1973, pp. 74-77. | |
| | "Ultrasonics", <u>Encyclopedia of Chemical Technology</u> , 3 rd ed., Vol. 23, pp. 462-479. | |
| | DL 134052 (abstract); Assignee: Plast & Elastverarb VEB; 02/07/1979 | |
| | DL 138523 (abstract); Assignee: VEB Lena-Werk W.Ulbrich; 11/07/1979 | |
| | SU 706250 (abstract); Assignee: Ilyukhin Yu D; 12/31/1979 | |
| | DE 3010985 (abstract); Assignee: Siemens AG; 10/01/1981 | |
| | JP 56 144214 (abstract); Patentee: Idemitsu Kosan Co. Ltd.; 11/10/1981 | |
| | JP 57 51441 (abstract); Assignee: Imperial Chem Inds PLC; 03/26/1982 | |
| | JP 57 78967 A; (abstract); Assignee: Toshiba KK; 5/17/1982 | |
| | JP 57 099327 (abstract); Patentee: Toshia Corp.; 06/21/1982 | |
| | JP 62 160110 A (abstract); Assignee: Fuji Photo Film Co. Ltd.; 07/16/1987 | |
| | 0 300 198 A1 (abstract) Assignee: Robert Bosch GMBH; 01/25/1989 | |
| | 0303889 B1 (abstract) Assignee: Weitkowitz Elek GMBH; Weitkowitz Elektro; 02/22/1989 | |
| | DE 2555839 A1 (abstract); Assignee: Deut Forsch Luft Raumfahrt EV; 11/02/1989 | |
|  | CZ 9006657 (abstract); Assignee: Vysoka Skola Dopravy Spojov; 12/27/1990 | |
| EXAMINER | DATE CONSIDERED | |
| Examiner: initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant. | | |